

0280

OIPE

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/10/007,761

DATE: 12/17/2001
 TIME: 10:17:03

Input Set : A:\58600-8208.US00-SEQLIST.txt
 Output Set: N:\CRF3\12172001\J007761.raw

ENTERED

4 <110> APPLICANT: Mochly-Rosen, Daria
 6 <120> TITLE OF INVENTION: Peptides for Activation and Inhibition
 7 of delta-PKC
 9 <130> FILE REFERENCE: 58600-8208.US00
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/007,761
 C--> 12 <141> CURRENT FILING DATE: 2001-11-09
 14 <150> PRIOR APPLICATION NUMBER: US 60/262,060
 15 <151> PRIOR FILING DATE: 2001-01-18
 17 <160> NUMBER OF SEQ ID NOS: 72
 19 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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 22 <211> LENGTH: 8
 23 <212> TYPE: PRT
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 26 <220> FEATURE:
 27 <223> OTHER INFORMATION: epsilon V1-2, residues 14-21 of epsilon-PKC
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 30 Glu Ala Val Ser Leu Lys Pro Thr
 31 1 5
 33 <210> SEQ ID NO: 2
 34 <211> LENGTH: 141
 35 <212> TYPE: PRT
 36 <213> ORGANISM: Rattus norvegicus
 38 <400> SEQUENCE: 2
 39 Met Ala Pro Phe Leu Arg Ile Ser Phe Asn Ser Tyr Glu Leu Gly Ser
 40 1 5 10 15
 41 Leu Gln Ala Glu Asp Asp Ala Ser Gln Pro Phe Cys Ala Val Lys Met
 42 20 25 30
 43 Lys Glu Ala Leu Thr Thr Asp Arg Gly Lys Thr Leu Val Gln Lys Lys
 44 35 40 45
 45 Pro Thr Met Tyr Pro Glu Trp Lys Ser Thr Phe Asp Ala His Ile Tyr
 46 50 55 60
 47 Glu Gly Arg Val Ile Gln Ile Val Leu Met Arg Ala Ala Glu Asp Pro
 48 65 70 75 80
 49 Met Ser Glu Val Thr Val Gly Val Ser Val Leu Ala Glu Arg Cys Lys
 50 85 90 95
 51 Lys Asn Asn Gly Lys Ala Glu Phe Trp Leu Asp Leu Gln Pro Gln Ala
 52 100 105 110
 53 Lys Val Leu Met Cys Val Gln Tyr Phe Leu Glu Asp Gly Asp Cys Lys
 54 115 120 125
 55 Gln Ser Met Arg Ser Glu Glu Glu Ala Met Phe Pro Thr
 56 130 135 140
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 59 <211> LENGTH: 124
 60 <212> TYPE: PRT
 61 <213> ORGANISM: Mus musculus
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64 Met Ser Pro Phe Leu Arg Ile Gly Leu Ser Asn Phe Asp Cys Gly Ser
65 1 5 10 15
66 Cys Gln Ser Cys Gln Gly Glu Ala Val Asn Pro Tyr Cys Ala Val Leu
67 20 25 30
68 Val Lys Glu Tyr Val Glu Ser Glu Asn Gly Gln Met Tyr Ile Gln Lys
69 35 40 45
70 Lys Pro Thr Met Tyr Pro Pro Trp Asp Ser Thr Phe Asp Ala His Ile
71 50 55 60
72 Asn Lys Gly Arg Val Met Gln Ile Ile Val Lys Gly Lys Asn Val Asp
73 65 70 75 80
74 Leu Ile Ser Glu Thr Thr Val Glu Leu Tyr Ser Leu Ala Glu Arg Cys
75 85 90 95
76 Arg Lys Asn Asn Gly Lys Thr Glu Ile Trp Leu Glu Leu Lys Pro Gln
77 100 105 110
78 Gly Arg Met Leu Met Asn Ala Arg Tyr Phe Leu Glu
79 115 120
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84 <213> ORGANISM: Rattus norvegicus
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88 1 5 10
90 <210> SEQ ID NO: 5
91 <211> LENGTH: 10
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95 <400> SEQUENCE: 5
96 Ala Leu Thr Thr Asp Arg Gly Lys Leu Val
97 1 5 10
99 <210> SEQ ID NO: 6
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106 1 5
108 <210> SEQ ID NO: 7
109 <211> LENGTH: 58
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111 <213> ORGANISM: Rattus norvegicus
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114 Pro Phe Arg Pro Lys Val Lys Ser Pro Arg Asp Tyr Ser Asn Phe Asp
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116 Gln Glu Phe Leu Asn Glu Lys Ala Arg Leu Ser Tyr Ser Asp Lys Asn
117 20 25 30
118 Leu Ile Asp Ser Met Asp Gln Ser Ala Phe Ala Gly Phe Ser Phe Val
119 35 40 45
120 Asn Pro Lys Phe Glu His Leu Leu Glu Asp

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129 <223> OTHER INFORMATION: Drosophila Antennapedia homeodomain-derived
130      carrier peptide
132 <400> SEQUENCE: 8
133 Cys Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys
134  1      5      10      15
135 Lys
138 <210> SEQ ID NO: 9
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140 <212> TYPE: PRT
141 <213> ORGANISM: Artificial Sequence
143 <220> FEATURE:
144 <223> OTHER INFORMATION: Tat-derived carrier peptide
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147 Tyr Gly Lys Lys Arg Arg Gln Arg Arg Arg
148  1      5      10
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152 <212> TYPE: PRT
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155 <220> FEATURE:
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183 Met Arg Gly Ala Glu Asp Pro Met
184  1      5
186 <210> SEQ ID NO: 13

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187 <211> LENGTH: 8
188 <212> TYPE: PRT
189 <213> ORGANISM: Artificial Sequence
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208 1 5
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211 <211> LENGTH: 8
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235 <211> LENGTH: 8
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239 <220> FEATURE:
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242 <400> SEQUENCE: 17
243 Met Arg Ala Ala Glu Asp Pro Val
244 1 5
246 <210> SEQ ID NO: 18
247 <211> LENGTH: 8
248 <212> TYPE: PRT
249 <213> ORGANISM: Artificial Sequence
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Input Set : A:\58600-8208.US00-SEQLIST.txt

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255 Met Arg Ala Ala Glu Asp Pro Ile
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266 <400> SEQUENCE: 19
267 Met Arg Ala Ala Glu Asp Pro Leu
268 1 5
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276 Glu Asp Pro Met
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279 <210> SEQ ID NO: 21
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284 <400> SEQUENCE: 21
285 Ala Glu Asp Pro Met
286 1 5
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297 Met Arg Ala Ala Glu Asp Met Pro
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308 <400> SEQUENCE: 23
309 Met Glu Ala Ala Glu Asp Pro Met
310 1 5
312 <210> SEQ ID NO: 24
313 <211> LENGTH: 8
314 <212> TYPE: PRT
315 <213> ORGANISM: Artificial Sequence

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/007,761

DATE: 12/17/2001

TIME: 10:17:04

Input Set : A:\58600-8208.US00-SEQLIST.txt

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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date